



Nigeria battery technologies

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Spanning 442km², the Jupiter Critical Minerals Project is expected to position Nigeria as a regional hub for lithium mining, as well as downstream battery and electric vehicle (EV) manufacturing.

This includes the establishment of a spodumene concentrator facility, projected to produce an initial 55,000 tonnes of 6% lithium spodumene concentrate annually, with first production expected in the first quarter of 2025.

ReElement's chromatographic separation and purification technology will be central to the construction of a lithium carbonate processing facility in the region.

Jupiter's critical minerals project will be developed in phases, with ongoing exploration and development activities, followed by mining and downstream processing.

The initiative is set to drive advanced manufacturing and create sustained improvements in host communities through infrastructure development and educational scholarships.

ReElement Technologies CEO Mark Jensen said: "We are excited to sign our first large-scale spodumene supplier partnership to be refined in the region. We have a technology that is environmentally safer, more cost efficient and able to be deployed throughout the world.

"This enables partnering nations to maximise the value of their natural resources while advancing job creation through expanded and innovative industrialisation.

"The Jupiter team and project are absolutely world class, and we believe together we can quickly unlock the potential to be one of the largest lithium projects worldwide that can be produced in the lowest quartile of costs."

According to Data Bridge Market Research analyses the Nigeria Battery Market was valued at USD 73.08 billion in 2021 and is expected to reach USD 136.47 billion by 2029, registering a CAGR of 6.80% during the forecast period of 2022-2029.

Segmentation: Nigeria Battery MarketThe Nigeria battery market is segmented on the basis of battery type, type, sales channel, voltage range, components and application.



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